

Certificate of Analysis

Product Name	Bremelanotide Acetate	Batch No.	M23X12012	
CAS No.	1607799-13-2	MFG. Date	Dec 01, 2023	
CAT No.	I002042	Retest Date	Dec, 2025	
Items	Specification	Results		
Appearance	White powder or off-White powder	Conforms		
Amino acid analysis	Lys	0.9-1.1	Lys	1.0
	Arg	0.9-1.1	Arg	0.9
	Phe	0.9-1.1	Phe	1.0
	His	0.9-1.1	His	1.0
	Asp	0.9-1.1	Asp	1.0
	Nle	present	Nle	present
Water content (KF)	≤ 8.0%	3.5%		
Acetate content	≤ 15.0%	6.2%		
Peptide content (N%)	≥ 80%	89.6%		
Mass spectrum	1025.2 ± 1.0	1024.7		
Related Substances	Unspecified impurity for each impurity: ≤ 1.0%	0.52% (single largest impurity)		
	Total impurity: ≤ 2.0%	0.71%		
Purity (HPLC)	≥ 98%	99.2%		
Assay (Anhydrous, acetic acid-free)	95~105%	98.7%		
Conclusion	Corresponds.			
Storage Condition	Short-term storage: 2-8 °C Long-term storage: -20 °C			

QC:

Alex Foster

QA:

Felix Hobart